



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

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No. 42] NEW DELHI, SATURDAY, OCTOBER 17, 1992 (ASVINA 25, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

### THE PATENT OFFICE

#### PATENTS AND DESIGNS

Calcutta, the 17th October 1992

Telegraphic address "PATENTOFIC".

Patent Office Branch,  
61, Wallajah Road,  
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
"NIZAM PALACE", 2nd M.S.O. Building,  
5th, 6th and 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

**Fees:**—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a schedule bank at the place where the appropriate office is situated.

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The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

Patent Office Branch,  
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The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,  
Unit No. 401 to 405, III Floor,  
Municipal Market Building,  
Saraswati Marg, Karol Bagh,  
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

पेटेंट कार्यालय  
एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 17 अक्टूबर 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा अम्बह, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रवर्धित हैं :—

पेटेंट कार्यालय शाखा, टोडी स्टेटे,  
तीसरा तल, लोवर परले (पश्चिम),  
मम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा  
दिव एवं दादरा और नागर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
मरस्वती मार्ग, कराला बाग,  
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
61, बालाजाह रोड,  
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पतिष्ठचेरी, लक्षद्वीप  
मिनिकाय तथा अमिनिबिबि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र

तार पता—“पेटेंट्स”

पेटेंट अभिनियम, 1970 या पेटेंट नियम, 1972 में अपे-  
क्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट  
कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भनादेश अथवा  
डाक आवेद या अहां उपयुक्त कार्यालय अवस्थित है; उस स्थान  
के अनुसूचित बैंक से नियंत्रण को भुगतान योग्य बैंक ड्राफ्ट  
अथवा बैंक द्वारा की जा सकती है ।

GOVERNMENT OF INDIA  
THE PATENT OFFICE  
Calcutta, the 17th October 1992

APPLICATION FOR PATENTS FIELD AT THE HEAD  
OFFICE 234/4. ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-20

The dated shown in the crescent branch are the dates  
claimed under section 135, of the patents Act, 1970.

The 4th September 1992

641/Cal/92 Franz Plasser Bahnbaumaschinen-Industriege-  
sellschaft m.b.H. A tamping assembly.

642/Cal/92 Zeppelin-Systemtechnik GmbH. Truck.

643/Cal/92 Zimpro Passavant Environmental Systems, Inc.  
Corrosion Control for wet oxidation systems.

The 7th September 1992

644/Cal/92 Hoechst Aktiengesellschaft. Process for the pre-  
paration of chlorinated and fluorinated benzene  
compounds by selective nucleophilic fluorodenti-  
tration.

645/Cal/92 Hoechst Aktiengesellschaft. Process for the  
preparation of 1. 2-bis-(2-nitrophenoxy)-  
ethane.

646/Cal/92 Hoechst Aktiengesellschaft. Process for the  
preparation of 2-nitro-5-fluoro-or-5-chlorophenol.

The 8th September 1992

647/Cal/92 Krupp Koppers GmbH. Process for Removing  
H<sub>2</sub>S from gases.

648/Cal/92 H-D Tech Incorporated. Process for maintain-  
ing electrolyte flow rate through a Microporous  
Diaphragm During Electrochemical Production  
of hydrogen peroxide.

The 9th September 1992

649/Cal/92 William Prym-Werke GmbH & Co. KG. Recep-  
tacle for storage and display of notions.

650/Cal/92 Metallgesellschaft Aktiengesellschaft. Process  
of Sintering iron Oxide-Containing Materials on  
a Sintering Machine.

651/Cal/92 Abrasion Engineering Company Limited. A  
Frame element for forming a Grate.

APPLICATIONS FOR PATENTS FIELD AT THE PATENT  
OFFICE BRANCH, 61, WALLAJAH ROAD,

MADRAS-600 002.

The 17th August 1992

501/MAS/92 Asca Brown Boveri Ltd. Axial flow turbine.

502/MAS/92 Hoechst Aktiengesellschaft. Process for the  
fermentative production of cephalosporin C  
using Acremonium chrysogenum.

## The 18th August 1992

503/MAS/92 Henkel Kommanditgesellschaft auf Aktien. A process for mixing liquids or for incorporating solids in liquids.

504/MAS/92 Moore Products Co. Methods and apparatus for duty cycle modulation. (August 29, 1991; Canada).

505/MAS/92 Narayanathevar Sabapathy. A fuel saving device.

## The 19th August 1992

506/MAS/92 Thirumalai Anandampillai Vijayan. A compact cover for two wheelers.

507/MAS/92 Thirumalai Anandampillai Vijayan. A left Ventricular assist device.

508/MAS/92 QED, Inc. Hyperpasteurization of food.

509/MAS/92 Himont Incorporated. Zinc-salts of certain mercapto compounds and hindered phenols in olefin polymer based thermoplastic elastomers for improved heat aging.

510/MAS/92 Mauser-Werke GMBH. A drum with a lid.

511/MAS/92 Commonwealth Scientific and Industrial Research Organisation. Zirconium extraction. (August 19, 1991; Australia).

512/MAS/92 Commonwealth Scientific and Industrial Research Organisation. Titanium extraction. (August 19, 1991; Australia).

## The 20th August 1992

513/MAS/92 IFF Labs Limited. Automatic masala dos dispensing machine.

514/MAS/92 Nokia; Maillefer Holding S. A. Reverse stranding apparatus.

515/MAS/92 Nokia-Maillefer Holding S. A. Reverse stranding apparatus.

516/MAS/92 James Edward Babin and Gregory Todd Whiteker. Asymmetric syntheses.

517/MAS/92 Maschinenfabrik Rieter AG. A device and a method for changing bunches on a textile machine.

## The 21st August 1992

518/MAS/92 Widia (India) Limited. A drilling tool.

519/MAS/92 Dr. Chembumkulam Sreedharan Bhaskaran Nair. A method of manufacture of an autoclavable plastic container (containing an aqueous solution) free from.

520/MAS/92 Dr. Chembumkulam Sreedharan Bhaskaran Nair. A method of manufacture of an autoclavable plastic container (containing of aqueous solution).

521/MAS/92 Membrane Products Kiryat Weizmann Ltd. Polyphenylene oxide-derived membranes for separation in organic solvents.

522/MAS/92 Membrane Products Kiryat Weizmann Ltd. Silicon-derived solvent stable membranes.

523/MAS/92 Secheran SA. Pressure medium drive for closing and opening the contacts of a circuit-breaker.

## ALTERATION OF DATE U/s. 16

171448 (429/Cal/90) Ante dated to February 05, 1985.

171450 (1019/Cal/90) Antedated to December 28, 1987.

## ALTERATION OF DATE

169276 Filed on 8th March, 1988.

(172/DEL/88) Ante dated 25th June 1985.

169277 Filed on 21st March, 1988.

(225/DEL/1988) Ante dated to 24th June, 1985.

169750 Filed on 29th June, 1988.

(550/DEL/88) Ante-dated to 29th October, 1985.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15 of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं”।

नीचे सूचीगत विनिर्देशों की सीमित संख्याक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. 172 C 19

171441

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office Calcutta.

Int. Cl. DOIG 15/00, 15/28,  
15/76.**"A DEVICE FOR THE REMOVAL OF FIBRE WASTE IN A CARDING MACHINE".**

Applicant : CLASICARD. S. A. OF POLIGONO INDUSTRIAL NO. 1 C/. TAVERTET, NAVE NO. 4, 08500-VIC (BARCELONA), SPAIN.

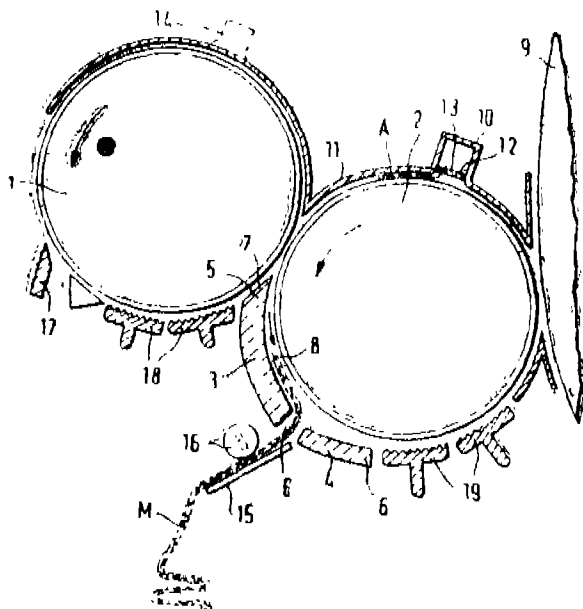
Inventors : JOSE ESTRUCH PORTELL.

Application No. 181/Cal/88 filed on March 01, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office Calcutta.

## 9 Claims

A device for a carding machine, where the carding machine is equipped with an angle shaped profile between the two rollers (taker-in) in the precarding region, with which a second cleaning phase of the fibres is controlled, during the time that the fibres are brought to form a fleece, which goes out from the second roller (taker-in) between the angle shaped profile 3 and a bent plate 4 wherein the angle shaped profile and the bent plate are provided with hinges at its opposite ends 5, 6 in order to be able to regulate the opening E between the profile and the plate and in relation to the second roller (taker-in) characterized in that at least one nozzle 10 with longitudinal opening 12 is provided associated with the said second taker-in roller 2, said nozzle adapted to inject compressed air along the periphery of the second roller 2 in its direction of rotation 2a and to be exited through opening E such that the wastes ensue consequentially with the fleece (M) and do not reach the big cylinder 9 of the carding machine over the periphery of the said opening (E).



(Comp. Specn. 13 Pages;

Drwgs. 2 Sheets).

Cl. 98 I.

171442

Int. Cl. F 24 J 2/00, 3/06.

**"METHOD FOR PRODUCING THIN-FILM SOLAR CELL IN A SERIES-CONNECTED ARRAY".**

Applicant : NUKEM GMBH, OF INDUSTRIESTRASSE 13, 8755 ALZENAU, FEDERAL REPUBLIC OF GERMANY.

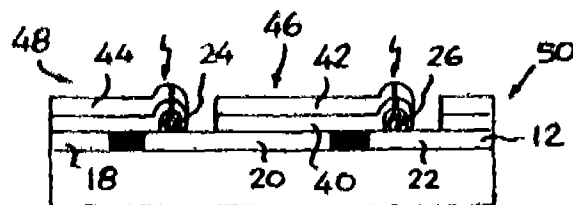
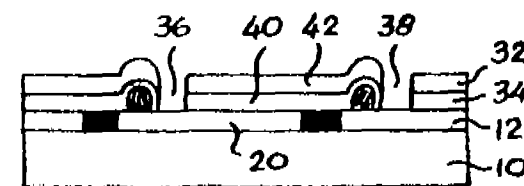
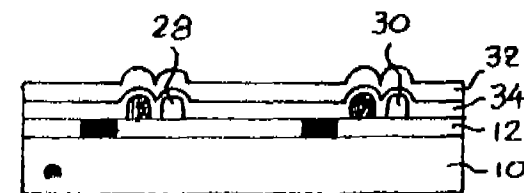
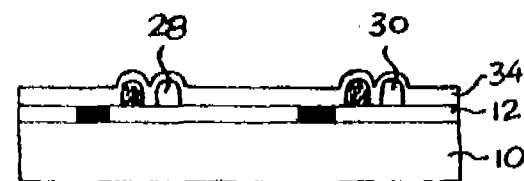
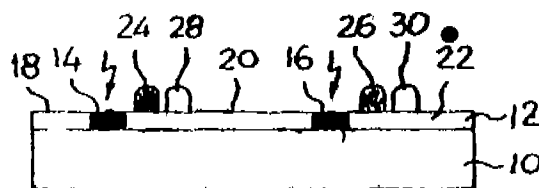
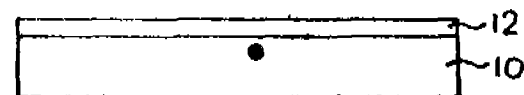
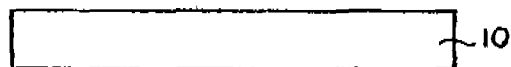
Inventor : JORG WORNER.

Application No. 281/Cal/88 filed on April 05, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office Calcutta.

## 19 Claims

Method for producing thin-film, solar connected in series and arranged on a common substrate, on which are superimposed in sequence over a large area a first electrode layer, at least one layer of semiconductive material and a second electrode layer, and whereby said layers are structured such as to be electrically connected, characterized in that, the first electrode is structured prior to depositing the subsequent layers.



(Compl. Specn. 16 Pages;

Drwgs. 2 Sheets)

Cl. 94 G

171443

Int. Cl. B 02 C, 23/00.

**"CRUSHER UNIT FOR USE IN A MOBILE CRUSHING SYSTEM".**

Applicant : FRIED KUPP GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, OF ALTENDORFER STRASSE 103, D-4300 ESSEN, 1, WEST GERMANY.

Inventor : HEINRICH WILHELM THUS.

Application No. 951/Cal/88 filed on November 15, 1988.

## 14 Claims

A crusher unit for use in a mobile crushing system, said crushing unit comprising :

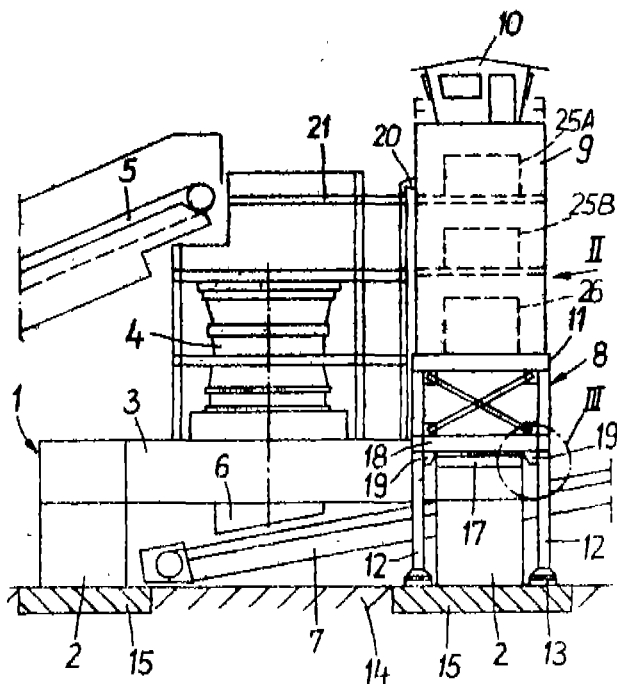
a substructure, the substructure including first support means for supporting the substructure on the ground;

a crusher mounted on the substructure;

a frame, the frame including second support means for supporting the frame on the ground when the crusher unit is in operation;

a housing disposed on the frame; and

third support means for supporting the frame on the substructure if the substructure is lifted.



(Compl. Specn. 13 Pages;

Drgns. 3 Sheets)

Cl. 190 B.

171444

Int. Cl. F 04 D, 29/00.

**"A STRUCTURAL PART OF A GAS TURBINE WHICH IS SUBJECTED TO HOT GASES, MORE PARTICULARLY A TURBINE BLADE VANE, HOUSING COMPONENTS, HOT GAS CHANNELS AND COMBUSTION CHAMBERS".**

Applicant : SIEMENS AKTIENGESellschaft, OF WITTELSBACHERPLATZ 2, D-8000, MÜNCHEN 2, WEST GERMANY.

Inventors : (1) FRIEDHELM SCHMITZ

(2) NORBERT CZECH

(3) BRUND DEBLON.

Application No. 91/Cal/89 filed on January 30, 1989.

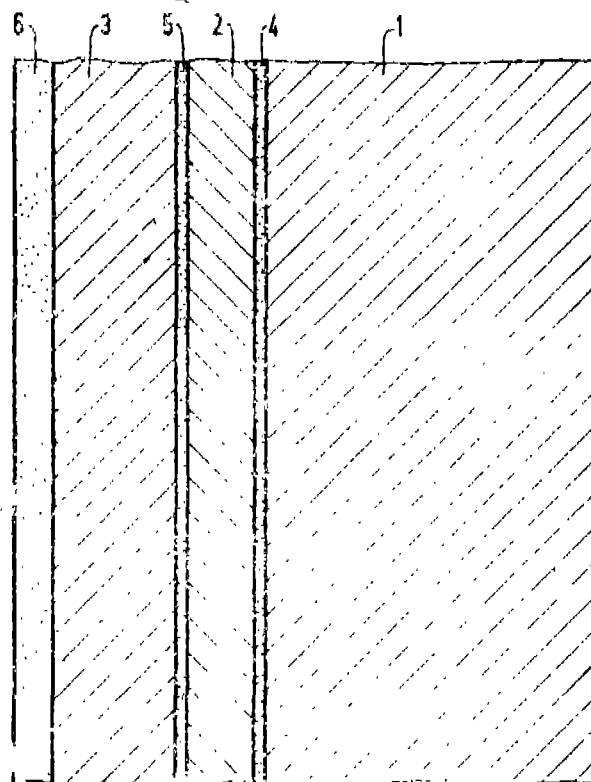
Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office Calcutta.

## 22 Claims

structural part of a gas turbine which is subjected to hot gases, more particularly a turbine blade, vanes housing components, hot gas channels and combustion chambers, comprising a base material at least partly provided with at least two superimposed coating layers for improving its high temperature corrosion resistance, characterized in that :

(a) the first coating layer has the composition (in % by weight) 15 to 55% of chromium; less than 5% of aluminium; and 0.5 to 2% of at least one element selected from rare earths, yttrium, scandium, hafnium, zirconium, niobium, tantalum and silicon; the remainder (excluding any impurity) being at least one of the elements iron, manganese, cobalt and nickel, with the proviso that when cobalt is present the amount of chromium is 30—55% and where cobalt is absent the amount of chromium is 15 to 50% preferably 20 to 30% such that the thickness and/or composition provides effective protection against corrosion at a temperature of from 600°C to 800°C ; and

(b) the second coating layer has the composition (in % by weight) 15 to 40% of chromium; 3 to 15% of aluminium; and 0.2 to 3% of at least one element selected from rare earths, yttrium, scandium, hafnium, zirconium, niobium, tantalum, rhenium and silicon; the remainder (excluding any impurity) being at least one of the elements cobalt and nickel which coating is optimized for corrosion resistance at a temperature of from 800°C to 900°C is arranged over the first coating layer.



(Compl. Specn. 16 Pages;

Drgns. 4 Sheets).

Cl. G 4 B 1

171445

Int. Cl. H 01 B, 3/40.

**"INSULATING TAPE FOR THE PRODUCTION OF AN INSULATING SHEATH IMPREGNATED WITH A HEAT HARDENING EPOXY RESIN-ACID ANHYDRIDE MIXTURE FOR ELECTRICAL CONDUCTORS".**

Applicant : SIEMENS AKTIENGESELLSCHAFT. OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventors : (1) WALTER IHLEIN  
(2) FRANZ-JOSEF POLLMEIER.  
(3) WOLFGANG ROGLER.

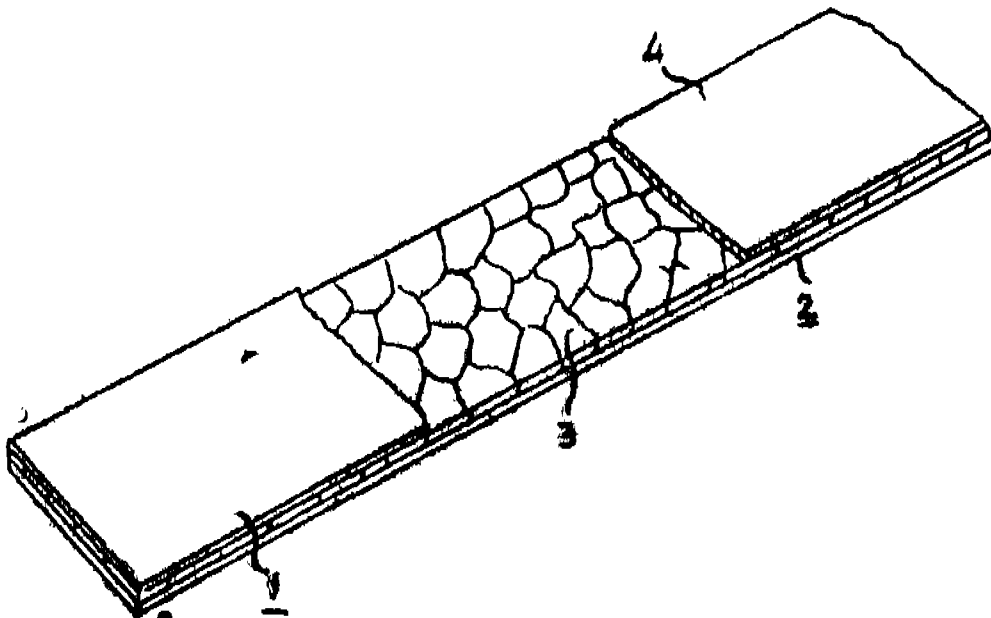
Application No. 238/Cal/1989; filed on March 28, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

### 12 Claims

Insulating tape for the production of an insulating sheath impregnated with a heat hardening epoxy resin-acid anhydride mixture for electrical conductors, in particular for the

winding bars or coils of electrical machines, consisting of inorganic material such as, for example, mica platelets or layers of ground mica, which is two-dimensional, resistant to breakdown and is applied to a flexible base, which inorganic material is bound with the base, together, and if necessary with a sealing cover layer by means of a binding agent, and contains an accelerating agent which activates the hardening reaction of the impregnating resin mix, where by the binding agent-accelerating agent mixture forms a system which selfhardens at the hardening temperature of the impregnating resin, characterised in that a physiologically harmless, ring epoxidised, cycloaliphatic epoxy resin modified by molecular enlargement and having an epoxide equivalent greater than 200 is used as binding agent, and adducts of piperazines, substituted in the 1-position by (meth) acrylate compounds, are used as accelerating agent.



(Compl. Specn. 15 Pages;

Drgns. 2 Sheets).

Cl.

171446

Int. : Cl. C 08 J, 40 F.

"AN IMPROVED PROCESS FOR COLORING THERMOPLASTIC, POLYMER".

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

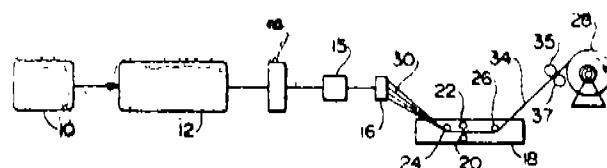
Inventor : WILLIAM ACHARD FINTEL.

Application No.309/Cal/1989; filed on April 21, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

### 3 Claims

An improved process for coloring thermoplastic polymer in a screw-melter extruder having a driven screw rotating within a barrel, said screw having flights in contact with the inner surface of the barrel wherein color concentrate pellets are mixed with the polymer within the screw-melter extruder prior to entry to said barrel the improvement comprising : delivering said color concentrate from a source as a continuous strand to an inlet of said screw-melter extruder; passing said strand through said inlet into said barrel, said inlet forming an edge with the inner surface of said barrel; and shearing said strand into pellets between said flight and said edge within the barrel of said extruder.



Compl. specn. 11 pages

Drgns. 7 sheets.

Cl. 179, 181.

171447

Int. Cl. B 65 B 51/10.

"APPARATUS FOR SIMULTANEOUSLY SEALING AND CUTTING THROUGH AT LEAST TWO LAYERS OF THERMOPLASTIC FILM."

Applicant : DU PONT CANADA INC., OF BOX 2200 STREETSVILLE, MISSISSAUGA, ONTARIO, CANADA L5M 2H3.

Inventor : KEVIN BERGEVIN.

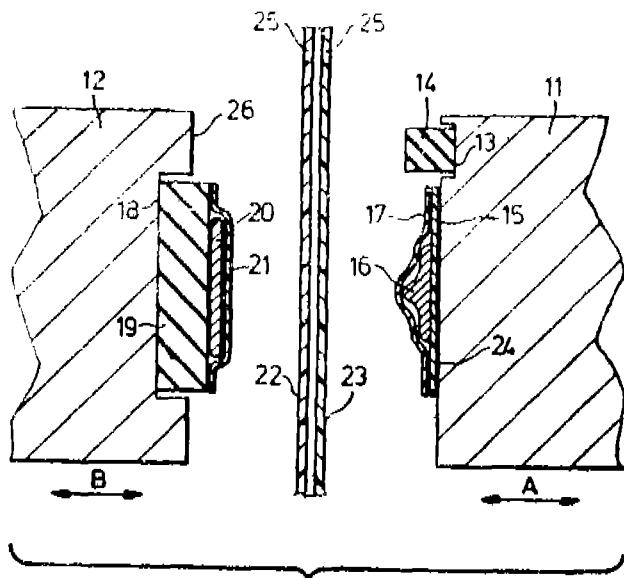
Application No. 515/Cal/89; filed on July 03, 1989.

Convention No. 8829196 filed on 14-12-1988 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent office, Calcutta.

## 3 Claims

An apparatus for simultaneously sealing and cutting through at least two layers of thermoplastic film, which apparatus comprises a pair of sealing jaws and means for closing the jaws, the first of said jaws having an electrical impulse sealing element mounted thereon, said heat sealing element being covered with a release sheet, the second of said jaws having a resilient pad mounted thereon, said resilient pad being covered with a release sheet, the improvement wherein there is a heat dispersing foil between the resilient pad and the release sheet which covers said pad.



Compl. Specn. 10 pages

Drgs. 1 sheet.

Cl. : 32 G+55 E 4

171449

Int. : Cl. : C 07 C 172/00.

"METHOD OF PREPARING 25 HYDROXYVITAMIN D<sub>2</sub> COMPOUNDS".

Applicant : WISCONSIN ALUMNI RESEARCH FOUNDATION, OF 614 WALNUT STREET, MADISON, WISCONSIN 53705, UNITED STATES OF AMERICA.

Inventors : (1) HECTOR FLOYD DELUCA

(2) HEINRICH KONSTANTINE SCHINDERS

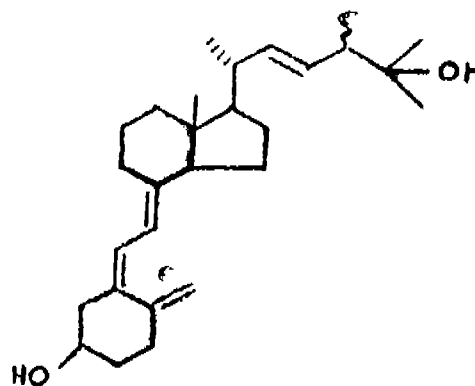
(3) SHIGEYA OKADA.

Application No. 549/Cal/90; filed on July 02, 1990.

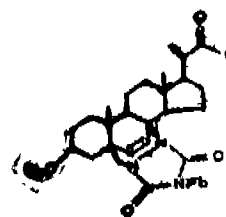
Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 2 Claims

A method for preparing 25 hydroxy vitamin D<sub>2</sub> compounds having the formula VII of the accompanying drawings, which comprises condensing in the presence of a strong base such as herein described in an organic solvent such as herein described at a temperature below 0°C a steroidal aldehyde of the formula VIII wherein X<sub>1</sub> is a hydroxy protecting group such as herein described with an arylsulfone of the formula IX wherein X<sub>2</sub> is a hydroxy-protecting group such as herein described whereby a hydroxy-sulfonyl adduct of the formula X is obtained wherein X<sub>1</sub> and X<sub>2</sub> are as defined above, acylating or sulfonylating, by a method such as herein described, the C-22-hydroxy group of said adduct, reducing said adduct with a metal amalgam reagent in an organic solvent such as herein described at a temperature of from 0°C to ambient to obtain an intermediate of the formula XI where X<sub>3</sub> and X<sub>4</sub> are hydrogen or a hydroxy-protecting group such as herein described and converting said intermediate to obtain a desired 25-hydroxy-vitamin D<sub>2</sub> compound, said step of converting comprising removal, by method, such as herein described, of the diazoline group to form a 5, 7 diene steroid intermediate, subjecting said 5, 7-diene steroid intermediate to irradiation with ultraviolet light to obtain the corresponding previtamin D compound, and isomerizing said previtamin D compound in a solvent at a temperature from 50°C to 90°C for a time sufficient to obtain the desired 25-hydroxy-vitamin D<sub>2</sub> compounds.



(VII)



(VIII)

Cl : 32 E, 32 F 2

171448

Int. : Cl. C 08 G. 59/00, 59/50.

"METHOD OF PREPARING A CATHODICALLY ELECTRODI-POSTABLE CROSS-LINKABLE POLYMER".

Applicant : AMERICAN CYANAMID COMPANY OF TOWNSHIP OF WAYNE, STATE OF NEW JERSEY, UNITED STATES OF AMERICA.

Inventors : (1) GIRISH GIRDHAR PAREKH

(2) WILLIAM JACOBS III

(3) WERNER JOSEF BLANK.

Application No. 429/Cal/90; filed on May 25, 1990.

(Divided out of No. 78/Cal/85 antedated to 5-2-85).

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 3 Claims

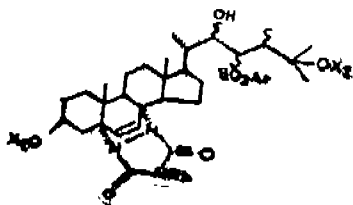
A method of preparing a cathodically electrode positable, self-cross-linkable polymer comprising reacting at a temperature of from 1°C to 90°C (a) an epoxide having an average epoxy equivalent weight of from about 300 to about 10,000, with (b) an amine containing at least one secondary amine group and at least one group selected from the class consisting of hydrolyzable blocked primary amine groups and hydroxyalkyl carbamate groups, to form a substantially epoxy-free material and, when said blocked primary amine groups are present, hydrolyzing the same to unblock said primary amine groups and then reacting a cyclic carbonate with said primary amine groups to form said hydroxyalkyl carbamate groups, the reactants (a) and (b) being selected to form said polymer with from about 0.5 to about 4 meq hydroxyalkyl carbamate per gram resin solids.

Compl. Specn. 159 Pages;

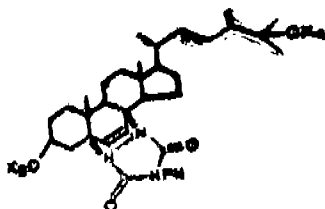
Drgs. 8 sheets,



(IX)



(X)



(XI)

Compl. Specn. 21 pages;

Drgs. 5 sheets.

Cl. : 152 E

171450

Int. : Cl. C 08 K 3/00.

"NEW COMPLEXES OF BISMUTH OR ANTIMONY HALIDES WITH AMINES, SUITABLE AS FLAME RETARDANTS FOR POLYMERS, AND POLYMER COMPOSITIONS CONTAINING SAME".

Applicant : HIMONT INCORPORATED OF 2801 CENTERVILLE ROAD NEW CASTLE COUNTRY-DELAWARE, U.S.A.

Inventors : (1) GUIDO BERTELLI  
(2) PATRIZIA BUSI  
(3) RENATO LOCATELLI.

Application No. 1019/Cal/90; filed on December 10, 1990.

(Divided out of No. 999/Cal/87, antedated to 28-12-87).

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 6 Claims

Thermoplastic polymer composition endowed with flame self-extinguishing properties, comprising by weight :

(a) 85—99.7% of a thermoplastic polymer

(b) 0.3—15% of a complex or a mixture of complexes of a bismuth or antimony trihalide with amines and optionally,

(c) a promoter of free radical such as herein described in an amount upto 1% with the proviso that when (c) is absent component (b) is present in amounts of at least 3% by weight.

Compl. Specn. 19 pages;

Drgs. 1 sheet,

Ind. Class. 131 A2 XXVIII(3)

171451

Int. Cl.<sup>4</sup> F 21 D 23/00.

"A CAPSULE FOR USE IN ANCHORING AN ANCHOR ELEMENT IN BOREHOLE".

Applicant : FOSROC INTERNATIONAL LIMITED, a British Company of 285 Long Acre, Nechells, Birmingham, B7 5JR, Great Britain.

Inventors : 1. John Anthony Coetzee,  
2. Ernest Edward Cranko,  
3. Roger Keith Moore.

Application No. 912/MAS/87 filed on 21st December 1987.

Convention Dated : 30th December, 1986 No. 86.31004 (U. K.).

Appropriate office for opposition proceedings (Rule 4, Patens Rules, 1972) Patent Office Branch, Madras.

## 4 Claims

A capsule for use in anchoring an anchor element in a borehole, wherein the capsule has a frangible wall and contains a particulate material having an aggregate crushing value of 6 to 20, which particulate material can be released from the capsule by destruction of the wall to allow the released particulate material to be compacted to form a load bearing annulus by which an anchor element may be anchored in a borehole.

Compl. Specn. 18 pages;

Drgs. 4 sheets.

Ind. Cl. : 94G [XXXIV(2)]

171492

Int. Cl.<sup>4</sup> : B 02 C 17/22.

A WEAR RESISTANT ELEMENT IN THE FORM OF A LIFTER OF AN ELASTOMERIC MATERIAL.

Applicants : SKEGA AB, A SWEDISH JOINT-STOCK COMPANY, OF S-934 02 ERSMARK, SWEDEN.

Inventors : KLAS-GORAN ERIKSSON.  
ROLE STENMAN.

Application No. 310/MAS/88 filed on 11th May 1988.

Convention dated 2nd June 1987; No. 538568 (Canada).

Appropriate office for the opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

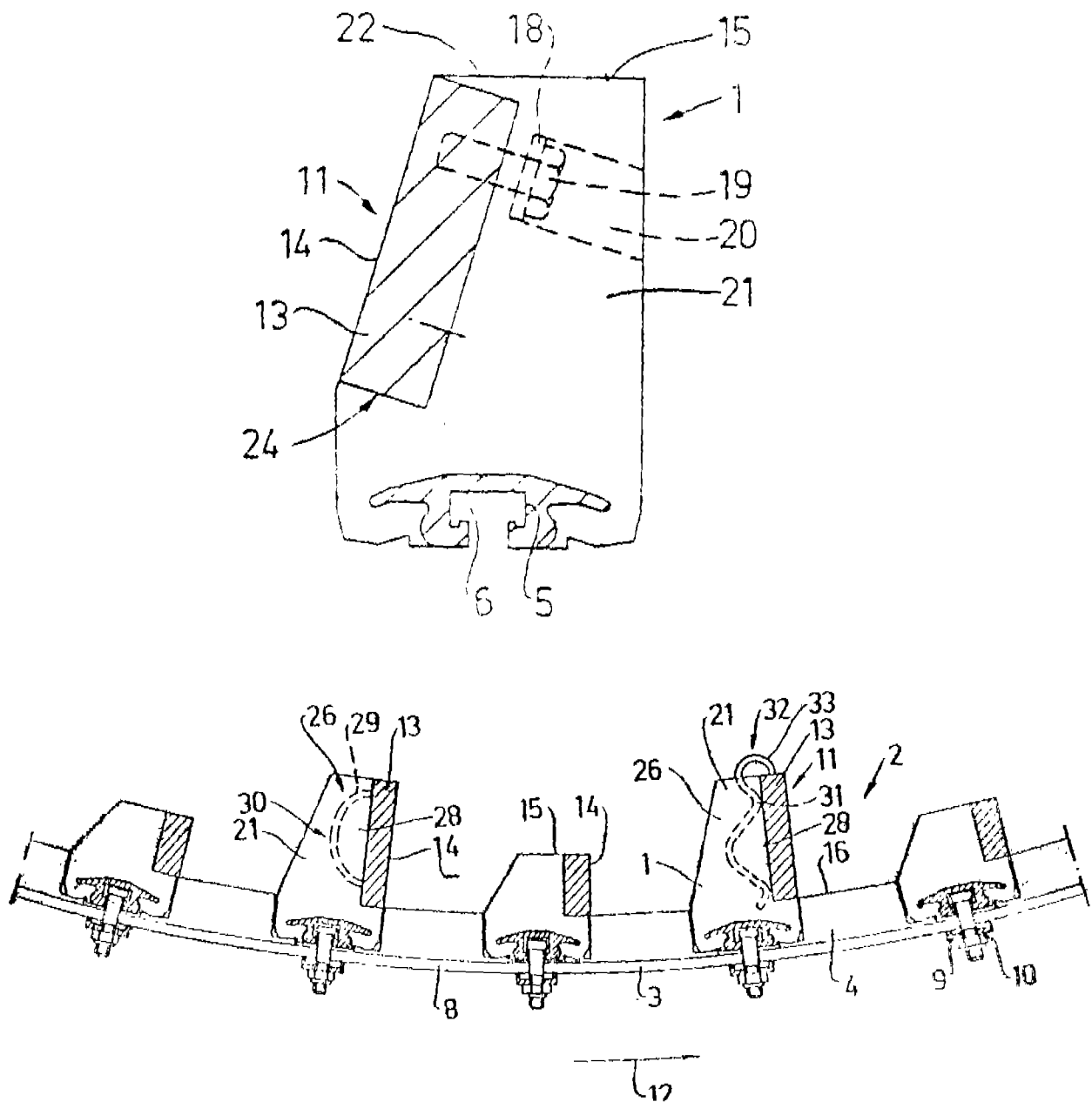
## 14 Claims

A wear resistant element in the form of a lifter of an elastomeric material, e.g. wear rubber, used in a lining of mills with a rotary drum, characterized in that the wear resistant element of an elastomeric material is provided with a hard wear layer of steel on its side facing the direction of



rotation of the drum, said hard wear layer being supported or backed up on its opposite side throughout its surface by

a layer of the elastomeric material in the said wear resistant element.



(Compl. specn. 11 pages;

Drgs. 4 sheets)

Ind. Cl : 89-[GROUP-XII(6)]

171453

Int. Cl. : G 01 D 13/10.

Appropriate office for the opposition proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

"A GAUGE FOR THE LINEAR MEASUREMENT OF THE INNER AND OUTER DIMENSIONS OF AN OBJECT".

Applicants : SHANTILAL PRANSHANKAR AND JYOTHINDRA SHANTILAL JOSHI BOTH OF 196 NETAJI SUBASH CHANDRA BOSE ROAD, MADRAS-600 001, TAMIL NADU, INDIA, INDIAN NATIONAL.

Inventor : SHANTILAL PRANSHANKAR JOSHI.

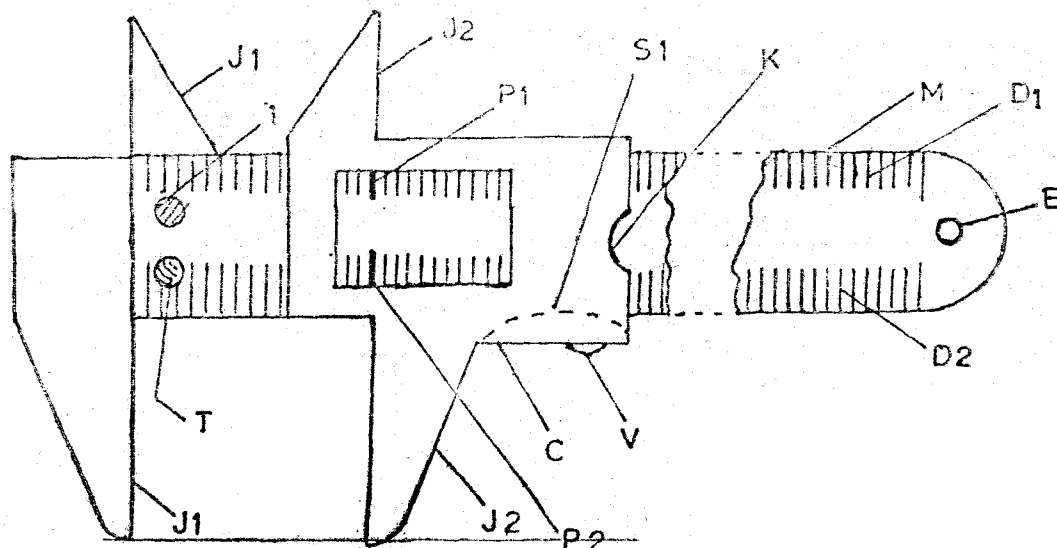
Application No. 420/MAS/88 filed on June 20, 1988.

2-287 GI/92

#### 12 Claims

A gauge for the linear measurement of the inner and outer dimensions of an object, comprising a fully exposed or partly enclosed scale member carrying graduations of linear unit scale divisions open to view; a spring-loaded cursor slidably movable over the scale member, the said cursor and scale member being respectively provided with pairs of co-operating jaws for defining the inner and outer dimensions of the object; at least one pointer or indicator provided on the cursor and positioned thereon to indicate zero reading on the scale member whenever the pairs of jaws are fully closed on

each other; and a boss provided on the cursor for manipulating the same along the scale member.



(Compl. specn. 15 pages.

Drgs. 2 sheets)

Ind. Cl. : 84-B [GROUP-XXXII(2)]

171454

Int. Cl.<sup>4</sup> : C 10 L 1/16

A SEMICONTINUOUS MULTISTAGE CATALYTIC PROCESS FOR CONVERSION OF LIGHT OLEFINIC GAS FEEDSTOCK TO DISTILLATE RANGE FUEL.

Applicant : MOBIL OIL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, OF 150 EAST 42ND STREET, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : (1) MOHSEN NADIMI HARANDI (2) HARTLEY OWEN.

Application No. 409/Mas/88 filed June 16, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 10 Claims

A semicontinuous multistage catalytic process for conversion of light olefinic gas feedstock, comprising  $C_3$ - $C_4$  hydrocarbons and having an alkene content of at least about 10wt% to distillate range hydrocarbons rich in  $C_{10} +$  aliphatics, comprising the steps of maintaining a fluidized bed of medium pore acid zeolite catalyst particles in a primary reaction stage in a turbulent reactor bed maintained under reaction severity conditions effective to convert a major amount of  $C_3$ - $C_4$  olefins at a temperature of 260 to 430°C, said catalyst having an average catalyst particle size of 20 to 100 microns and average acid cracking activity of 0.1 to 20 passing hot feedstock vapor upwardly through the fluidized catalyst bed in a single pass at reaction severity condition sufficient to convert at least 60% of  $C_3$ - $C_4$  feedstock alkene substantially to intermediate range olefins in the  $C_5$ - $C_9$  range; maintaining fluidized bed conditions through the reactor bed at a superficial fluid velocity of 0.3 to 2 meters per second and a weight hourly space velocity of 0.5 to 80 parts of alkene per part by weight of fluidized catalyst; recovering primary effluent containing a major amount of  $C_5$ + hydrocarbons, with pentane and pentene in weight ratio up to about 0.2 : 1, and a minor amount of  $C_4$ -hydrocarbons; recovering from the primary effluent stream an

intermediate hydrocarbons stream comprising a major amount of  $C_5$ + intermediate olefins; further oligomerizing at least  $C_5$ + olefins in the intermediate stream in an intermittently operated secondary stage high pressure reaction zone under low temperature and high pressure conditions in contact with a fixed bed of medium pore shape selective acid oligomerization catalyst to further upgrade intermediate hydrocarbons to  $C_{10}+$  distillate product periodically interrupting flow of intermediate hydrocarbons to the secondary stage reaction zone and regenerating the fixed bed catalyst while accumulating intermediate hydrocarbons from the primary zone effluent.

Compl. Specn. 24 pages

Drgs. 2 sheets.

one of size 33.00 cms. by 41.00 cms.

Ind. Cl. : 94 B [XXXIV(2)]

171455

Int. Cl.<sup>4</sup> : B 02 C 2/00.

A CRUSHING APPARATUS.

Applicants : YALATA PTY LTD. C-COLLINS YOUNGS & CO. PTY., A COMPANY INCORPORATED IN THE STATE OF WESTERN AUSTRALIA OF 87 COLIN STREET, WEST PERTH, WESTERN AUSTRALIA, AUSTRALIA-6005.

Inventors : DAVID ANTHONY JOHN FINLEY, PETER MICHAEL CARLEY, JAMES REGINALD STOKES, ROBERT CHARLES NAPIER.

Application No. 454/Mas/88 filed on 30th June, 1988.

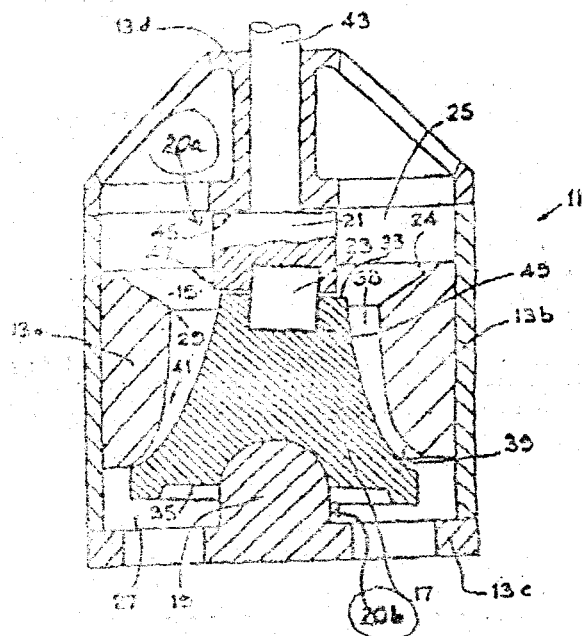
Convention dated 9th July, 1987; No. PI 3021 (Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 18 Claims

A crushing apparatus for frangible or friable material comprising: a bowl having a chamber for receiving said material and a central discharge opening disposed at the base thereof, said discharge opening defining a throat having a circumferential wall; a crushing head disposed generally centrally within said discharge opening having a crushing

face in spaced relation to said wall of said throat defining an annular nip between said wall and the crushing face of said head, said crushing head having a gyratory axis; and a drive assembly for driving said crushing head within said bowl; the said crushing head is supported at opposite axial ends thereof by a support assembly disposing said crushing head at an offset position relative to the central axis of said bowl about a fixed pivot point at the intersection of said gyratory and central axis to permit rotational and oscillatory motion of said head about said point; said fixed pivot point being located proximate to, or coincident with, the bottom of said crushing head for oscillating the top of said crushing face to be predominantly in a direction generally transverse to said central axis and for oscillating the bottom of said crushing face to be predominantly in a direction parallel to said central axis.



Comp. Specn. 23 pages

Drgs. 3 sheets

Ind. Class : 32-F. 2 (b) - [GROUP-IX(1)]

171456

Int. Cl.<sup>4</sup> : C 07 D 201/16; 223/10.

## PROCESS FOR PURIFYING CAPROLACTAM.

Applicant : CHIMICA DEL FRIULI SpA, OF PIAZZALE F. MARINOTTI 1, 33050 TORVISCOSA (PROVINCE OF UDINE), ITALY, AN ITALIAN COMPANY.

Inventors : (1) PAOLO SENNI, (2) LEANDRO ZULIANI, (3) SERGIO FERRUZZI.

Application No. 480/MAS/88 filed July 8, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 9 Claims

Process for purifying caprolactam obtained by Beckmann transposition or by nitrosation of cyclohexylic compounds comprising the steps of :

- (a) treating the caprolactam oil with ammonia having a pH between 8 and 10 at a temperature between room temperature and 65°C for a period of 15 to 120 minutes and adding at least one non-ionic surface-active agent;

- (b) extracting the caprolactam in aqueous-ammoniacal solution obtained in step (a) with toluene at a temperature between 10° and 50°C;
- (c) extracting the caprolactam in toluene solution obtained in step (b) with water;
- (d) dehydrating the extracted caprolactam obtained in step (c) by distillation following rectification in vacuum in packed columns, with separation of the low-boiling and high-boiling by products in two successive phases;
- (e) the caprolactam obtained in step (d) is treated with 0.0125 to 0.1 kg of an alkaline and/or alkaline earth hydroxide per kg of caprolactam and subsequently mixing in an inert-gas atmosphere for at least 150 minutes at a temperature between 80° and 160°C;
- (f) rectifying the mixture in vacuum to obtain pure caprolactam.

Compl. Specn. 14 pages;

Drg. 1 sheet.

Ind. Cl. : 172-D<sub>2</sub> (XX)

171457

Int. Cl.<sup>4</sup> : D 01 H 9/10.

AN APPARATUS FOR REMOVING BOBBINS FROM A ROVING FRAME AND REPLACING THEM WITH EMPTY TUBES.

Applicants : FRATELLI MARZOLI & C.S.P.A. ITALIAN COMPANY OF VIA DURANTE, 1, 25036—PALAZZOLO SULL'OGGIO (BRESCIA) ITALY.

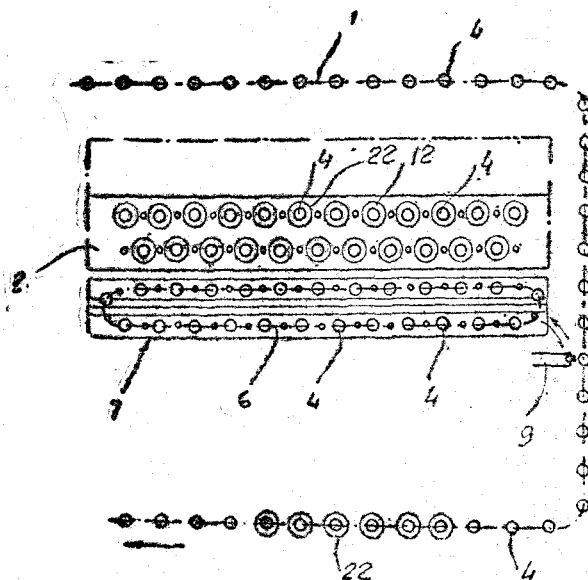
Inventor : PIETRO BIANCHI MARZOLI.

Application No. 510/MAS/88 filed on 19th July, 1988.

Appropriate office for the opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 10 Claims

An apparatus for removing bobbins from a roving frame and replacing them with empty tubes, wherein said apparatus essentially comprises a first conveyor belt (1), extending along the perimetrical sides of said roving frame (12) therewith a second conveyor belt (6), a doffing carriage (13) and an operating board (7) cooperate, said second conveyor belt, doffing carriage, and operating board being adapted to transfer, in a suitable timed way, empty tubes (4) to said roving frame (2) and bobbins (12) from said roving frame to said first conveyor belt (1).



(Compl. specn. 17 pages.

Drgs. 6 sheets)

Int. Class : 33 F-[GROUP-XXXIII(3)]

171458

Ind. Class : 128 E [XIX(2)]

171459

Int. Cl.<sup>4</sup> : B 22 C 9/02, 9/06.Int. Cl.<sup>4</sup> : A 61 N 1/18.

## MOULDS FOR METAL CASTING.

## THE MICRO ION ANALYSER.

Applicant : FOSECO INTERNATIONAL LIMITED, A BRITISH COMPANY OF 285 LONG ACRE, NEOHELLS, BIRMINGHAM, B7 5JR, ENGLAND.

Applicant & Inventor : DR. MATHEW GEORGE, SHARON, 27/192 GIRINAGAR 10TH CROSS ROAD EXTENSION KADAVANTHRA, COCHIN-682 020 KERALA, INDIAN CITIZEN.

Inventors : 1. DAVID RICHARD BUTLER, 2. GEORGE SNOW, 3. PHILIP SANDFORD, 4. MAX GERHARD NEU, 5. JEAN PIERRE VILLANI, 6. ALAIN TEYSSE-DRE, 7. ROLAN LENOIR.

Application No. 122/MAS/89, filed on 15th February, 1989.

Application No. 29/MAS/89 filed on January 13, 1989.

Convention dated 30th January 1988, No. 8802082 (U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

3 Claims

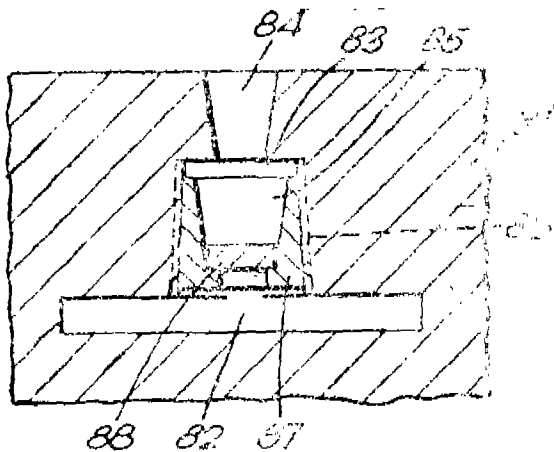
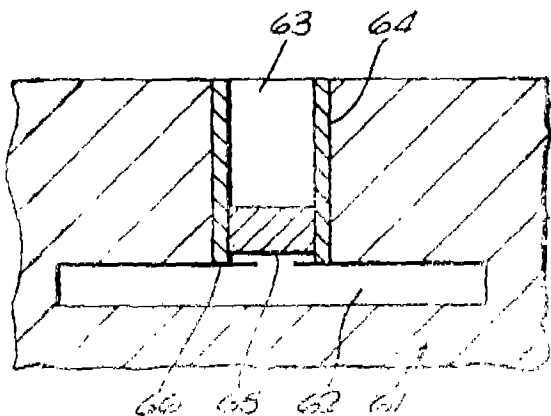
20 Claims

A mould for metal casting comprising a mould cavity and a sprue communicating directly with the mould cavity and having located in the sprue a sleeve of refractory material having a ceramic foam filter fixed therein and located adjacent the lower end of the sleeve.

A micro Ion Analyser comprising a power supply regulator, digital timer, an oscillator frequency selector, wave shape selector, means for displaying frequency, digital counter, voltage amplifier, means for amplitude adjustment and an oscilloscope connected to out put electrodes through voltmeter and ammeter wherein anode is made of gold.

(Compl. specn. 7 pages;

Drgs. 5 sheets)



Ind. Class : 151 F [GROUP-XLVIII(2)]

171460

Int. Cl.<sup>4</sup> : F 16 L 9/10, 9/12.

## A COMPOSITE MATERIAL TUBE, WITHSTANDING THE INTERNAL PRESSURE.

Applicant : INSTITUT FRANCAIS DU PETROLE A FRENCH BODY CORPORATE, OF 4, AVENUE DE BOIS-PREAU, 92502 RUEIL-MALMAISON, FRANCE, AND AEROSPATIALE, OF 37, BOULEVARD DE MONTMORENCY, 75016 PARIS, FRANCE, A FRENCH BODY CORPORATE.

Inventors : 1. PIERRE ODRU, 2. CHARLES SPARKS, 3. MARCEL AUBFRON, 4. JACQUES BEHAR.

Application No. 175/MAS/89 filed on 2nd March, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

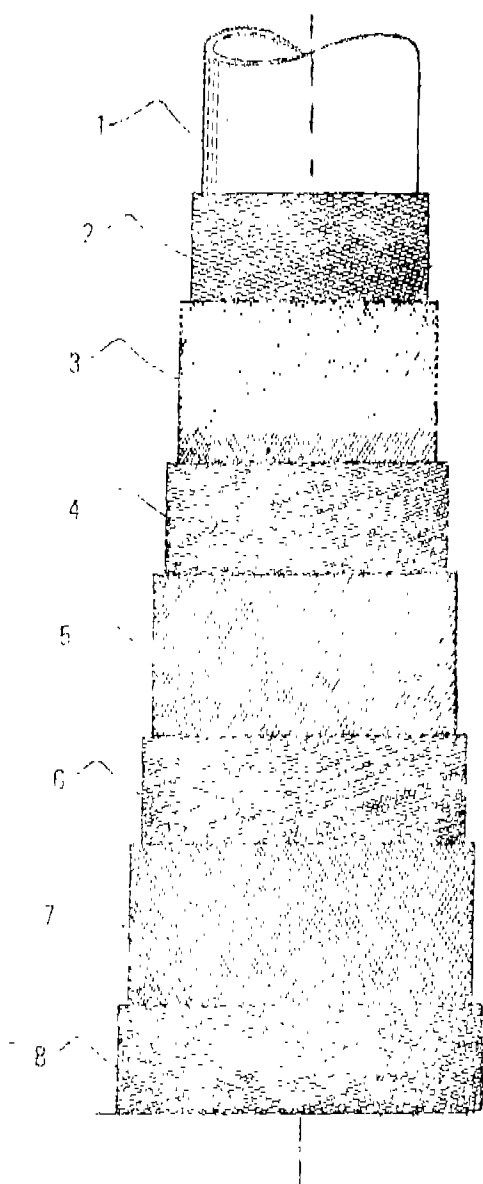
10 Claims

A composition material tube, withstanding the internal pressure, and comprising at least two layers of pressure reinforcement fibers, or pressure resistant layers, wound at an angle 70° to 90° with respect to the axis of the tube, the two layers both undergoing radial expansion under the effect of the pressure, one of these two layers being inside the other,

Compl. Specn. 20 pages;

Drgs. 6 sheets.

wherein the circumferential modulus of elasticity of the external layer is greater than the circumferential modulus of elasticity of the internal layer.



Compl. Specn. 15 pages;

Drg. 1 sheet.

#### OPPOSITION PROCEEDINGS

An Opposition has been entered by M/s. Hindustan Lever Limited to grant of a patent on Application No. 170386 (189/DEL/87) dated 4th March, 1987 made by Colgate Palmolive Company.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy :—

(1)

159111, 159112, 159113, 159114, 159115, 159116, 159117, 159118, 159119, 159120, 159121, 159122, 159124, 159125, 159126, 159127, 159128, 159129, 159130, 159131, 159132, 159133, 159134, 159135, 159136, 159137, 159138, 159139, 159140, 159141, 159142, 159143, 159144, 159145, 159146, 159147

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#### PATENTS SEALED

ON 18-09-92

169068, 169080, 169282, 169284, 169285, 169287, 169288, 169289, 169294, 169297, 169300, 169392, 169396, 169397, 169402, 169403, 169410, 169412, 169418, 169421, 169423, 169424, 169442, 169443, 169445, 169448, 169451.

CAL-03, DEL-NIL, MAS-17, BOM-07.

#### AMENDMENT PROCEEDING UNDER SECTION 57

Notice is hereby given that COOKSON IAMINOX LIMITED A COMPANY INCORPORATED IN ENGLAND, OF 14 GRESHAM STREET, LONDON EC2V 7AT ENGLAND have made an application under Section 57 of the Patents Act, 1970 for amendment of application and Specification of their application for Patent No. 167719 (583/MAS/86) for "PROCESS FOR PREPARING MICACEOUS IRON OXIDE".

The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition, it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that Metallgesellschaft Aktiengesellschaft of Reuterweg 15, D-6000 Frankfurt am Main, West Germany, a West Germany Company and AMH-Chemie GMBH, of Postfach 1268, D-2212 Brunsbüttel, West Germany, a West Germany Company have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their Patent No. 168208 for "A process for producing a gas mixture consisting of hydrogen and nitrogen for the synthesis of ammonia."

The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the Written Statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

The amendment proposed by KABEL-UND METALLWERKE, GUTHEHOFFMUNGSHUTTE AKTIENGESELLSCHAFT, a body Corporate organised under the laws of the Federal Republic of Germany, of P.O. Box 3320,

Klosterstrasse 29, D-4500, Osnabruck, Federal Republic of Germany in respect of Patent Application No. 168226 as advertised in Part III, Section 2 of the Gazette of India, on 30-11-91 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by THE PLESSEY COMPANY LIMITED, a British Company of Vicarage Lane Ilford, Essex IG1 4AQ, England in respect of Patent Application No. 168441 as advertised in Part III, Section 2 of the Gazette of India on 4-4-92 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by Lanxide Technology Company of Tralee Industrial Park, Newark, a Delaware Corporation, U.S.A. in respect of the Patent application No. 168735 as advertised in part III, Section 2 of the Gazette of India on the 12th October, 1991 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by KABEL UND METALLWERKE GUTEHOFFNUNGSHUTTE AKTIENGESellschaft, of Klosterstrasse 29, D-4500 Osnabrueck, West Germany a body Corporate organised under the laws of the Federal Republic of Germany, in respect of Patent application No. 168961 as advertised in Part III, Section 2 of the Gazette of India on 29-2-92 and no opposition being filed within the stipulated period the said amendments have been allowed.

ENDORSEMENT OF PATENTS WITH THE WORDS  
"LICENCE OF RIGHT UNDER SECTION 87 OF  
THE PATENTS ACT, 1970

NUMBERS	DATE
160499	06-12-91
160506	
160507	
160512	
160520	
160535	
160536	
160541	
160791	
159961	
160122	13-12-91
160149	
160170	
160171	
160264	
160313	
160318	
160321	
160378	
160407	
160446	
160454	
160458	
160468	
160474	
160047	
159763	
160138	
160312	
159726	
160015	
160046	

NUMBERS	DATE
160090	13-12-91
160172	
159819	
160003	
160056	
160235	
160110	
160054	
160216	
160292	
160422	20-12-91
163059	
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RENEWAL FEES PAID

149290	149294	149295	149296	149297	150523	151147	151489
151624	151642	151765	151786	151848	151967	153194	153301
153399	153447	153668	153748	153921	153970	153971	153972
154604	154752	154753	154929	154952	155181	155478	155869
156253	156452	156517	156559	157110	157173	157313	157429
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158255	158340	158510	158955	159136	159587	159719	159744
159976	159991	160048	160060	160088	160098	160204	160279
160756	160830	160840	160850	160920	160964	161011	161246
161308	161435	161462	161476	161926	161954	161957	162052
162086	162087	162206	162209	162272	162355	162387	162452
162638	162645	162681	162735	162955	162964	163624	163643
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165404	165436	165481	165543	165550	165706	165729	165906
165952	166044	166220	166420	166512	166551	166779	166823
167055	167106	167391	167415	167518	167519	167545	167587
167595	167655	167709	167795	167798	167812	167902	167904
168032	168075	168507	168742	168743	168749	168750	168773
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## CESSATION OF PATENTS

157563 157564 157567 157569 157571 157577 157581 157583  
 157584 157588 157591 157593 157595 157596 157601 157603  
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 157724 157728 157733 157740 157741 157744 157745 157746  
 157747 157748 157749.

## RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 158414 granted to Sree Chitra Tirunal Institute for Medical Sciences and Technology for an invention relating to a "Cardiotomy reservoir for filtration and re-circulation of blood."

The Patent ceased on the 8th August 1972 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2, dated the 10th October, 1992.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 17th December, 1992 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 165713 dated the 5th May, 1986 made by Mathu Rangaramanujam Srinivasan & others on the 11th January 1992 and notified in the Gazette of India, Part III, Section 2, dated the 28th March, 1992 has been allowed and the said Patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 162362 granted to Chabben Limited for an invention relating to "Gravure Printing Machine."

The Patent ceased on the 3rd February, 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2, dated the 10th October, 1992.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd, M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 17th December, 1992 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 165268 granted to Sree Chitra Tirunal Institute for Medical Sciences & Technology for an invention relating to "soft shell blood Oxygenator made of synthetic material."

The Patent ceased on the 6th August 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2, dated the 10th October, 1992.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd, M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 17th December, 1992 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 165342 granted to UOP INC for an invention relating to "Process for the hydration or etherification of mono-olefins to an ether or alcohol."

The Patent ceased on the 28th August, 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2, dated the 10th October, 1992.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd, M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 17th December, 1992 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 166740 granted to The Director, Central Council for Research in Ayurveda and Siddha for an invention relating to "a process for the preparation of medicated oil from *Wrightia tinctoria*."

The Patent ceased on the 11th September, 1991 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2, dated the 10th October, 1992.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd, M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 17th December, 1992 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167551 granted to Lingaraj Patnaik for an invention relating to "Core and winding assembly for transformer."

The Patent ceased on the 23rd June, 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2, dated the 10th October, 1992.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd, M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 17th December, 1992 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Name Index of Application for Patents in respect of Patent Office Calcutta & its branches for the month of May, 1992 (Nos. 301/Cal/92 to 379/Cal/92, 141/Bom/92 to 173/Bom/92, 257/Mas/92 to 327/Mas/92 and 383/Del/92 to 464/Del/92.)

Name and application No.

#### CALCUTTA

(301/Cal/92 to 379/Cal/92)

##### —A—

Adtime Worldwide B. V.—347/Cal/92.

Alberto, C.—337/Cal/92.

American Home Products Corporation.—322/Cal/92, 323/Cal/92 & 324/Cal/92.

##### —B—

Babcock & Wilcox Co., The.—350/Cal/92 & 363/Cal/92.

Bridge & Poof Co. (India) Ltd.—357/Cal/92 & 361/Cal/92.

British-American Tobacco Co. Ltd.—312/Cal/92.

##### —C—

C.A. Greiner & Sohne Gesellschaft m.b.H.—311/Cal/92.

Carclo Engineering Group PLC.—327/Cal/92.

Coastal Mud, Incorporated.—330/Cal/92.

Conoco Specialty Products Inc.—306/Cal/92.

##### —D—

Degnussa Aktiengesellschaft.—303/Cal/92 & 352/Cal/92.

Deutsche Thomson-Brandt GmbH.—318/Cal/92.

Diablo Research Corporation.—365/Cal/92, 366/Cal/92, 367/Cal/92 & 368/Cal/92.

##### —E—

E.I. Du Pont De Nemours & Co.—317/Cal/92 & 340/Cal/92.

ELF Atochem North America, Inc.—302/Cal/92.

ELF Technologies, Inc.—333/Cal/92.

Eaton Ltd.—307/Cal/92.

Emerson Electric Co.—308/Cal/92.

Engelhard Corporation.—328/Cal/92.

Eurolceltique, S.A.—351/Cal/92.

##### —F—

Franz Plasser Bahnbaumaschinen-Industriegesellschaft mbH.—326/Cal/92.

##### —H—

Hazra, S.—348/Cal/92.

Hitachi Construction Machinery Co. Ltd.—339/Cal/92 & 355/Cal/92.

Hoechst Aktiengesellschaft.—344/Cal/92.

Hoesch Aktiengesellschaft.—334/Cal/92.

##### —I—

ICI India Ltd.—309/Cal/92 & 373/Cal/92.

Indian Jute Industries' Research Association.—316/Cal/92.

Ishikawajima-Harima Heavy Industries Co. Ltd.—335/Cal/92.

##### —J—

JGC Corporation.—310/Cal/92.

Jadavpur University.—357/Cal/92 & 361/Cal/92.

Johnson & Johnson Inc.—370/Cal/92.

Johnson Matthey Inc.—378/Cal/92 & 379/Cal/92.

##### —K—

KSB Aktiengesellschaft.—345/Cal/92.

Keystone International Holdings Corporation.—371/Cal/92.

Korea Institute of Science & Technology.—329/Cal/92.

Krone Aktiengesellschaft.—319/Cal/92 & 354/Cal/92.

Krupp Koppers GmbH.—358/Cal/92.

##### —L—

LA-Z-Boy Chair Co.—338/Cal/92.

Lai, M-W. (ERIC).—377/Cal/92.

##### —M—

Mahapatra, P.K.—314/Cal/92 & 315/Cal/92.

Mcneil-PPC, Inc.—374/Cal/92 & 376/Cal/92.

Medicis Corporation.—313/Cal/92.

Mukherjee, A.—305/Cal/92.

##### —N—

Norton Healthcare Ltd.—325/Cal/92 & 346/Cal/92.

##### —O—

Ommus Chemtech (P) Ltd.—301/Cal/92.

Opti Patent-Forschungs-Und Fabrikations-AG.—375/Cal/92.

Otto Tuchenhausen GmbH & Co. KG.—369/Cal/92.

##### —R—

Ray, A.—364/Cal/92.

Rexnord Corporation.—372/Cal/92.

##### —S—

Siemens Aktiengesellschaft.—356/Cal/92. & 359/Cal/92.

Singh, J.K.—332/Cal/92.

Sinha, K.K.—362/Cal/92.

Steelsworth Ltd.—320/Cal/92 & 342/Cal/92.

Samsung Electron Devices Co. Ltd.—349/Cal/92.

##### —T—

Tea Research Association.—343/Cal/92.

Telefunken Systemtechnik GmbH.—353/Cal/92.

Thomson Consumer Electronics S.A.—321/Cal/92.

Thyssen Stahl AG.—304/Cal/92.

##### —U—

UBE Industries, Ltd.—360/Cal/92.

Usines Et Acieries De Sambre Et Meuse.—331/Cal/92.

##### —W—

White Consolidated Industries, Inc.—336/Cal/92 & 341/Cal/92.

#### BOMBAY

(141/Bom/92 to 173/Bom/92)

##### —B—

Bagga, H. S.—142/Bom/92.

Bajikar, R. M.—169/Bom/92.

Balakrishnan, M.—146/Bom/92 & 147/Bom/92.

Bhave, N. K.—160/Bom/92 & 161/Bom/92.

Bhole, A. G.—164/Bom/92.

Bhutada, J. D.—152/Bom/92.

Boml, G. (Master).—155/Bom/92, 156/Bom/92, 157/Bom/92, 158/Bom/92 & 159/Bom/92.

##### —C—

Chakradeo, K. A.—163/Bom/92.

Chury, C. G.—141/Bom/92.

Crompton Greaves Ltd.—168/Bom/92.



## —D—

Daga, K. P. (Dr.).—154/Bom/92.  
 Deodhar, P.—151/Bom/92.  
 Desai, N. N.—153/Bom/92.  
 Devnesh, J.—150/Bom/92.

## —H—

Haliga, S. R.—144/Bom/92.  
 Hindustan Lever Ltd.—148/Bom/92 & 149/Bom/92.  
 Hindustan Organic Chemicals Ltd.—173/Bom/92.  
 Hukerikar, V. D.—169/Bom/92.

## —J—

Joshi, H. K.—167/Bom/92.  
 Joshi, K. U.—166/Bom/92.  
 Joshi, S. H. (Mrs.).—167/Bom/92.

## —K—

Koparda, V. P.—153/Bom/92.

## —M—

Makhija, S.—145/Bom/92.

## —P—

Panchal, V. D.—143/Bom/92.  
 Ponkhe, S. S.—171/Bom/92.  
 Praj Counseltech Pvt. Ltd.—170/Bom/92.

## —R—

Ranade, A.—162/Bom/92.  
 Rashtriya Chemicals & Fertilizers Ltd.—165/Bom/92.

## —S—

Sannabhadhi, L.—151/Bom/92.

## —V—

Vasoya, B. H.—172/Bom/92.

## MADRAS

(257/Mas/92 to 327/Mas/92.)

## —A—

AB Stratos Connectors.—285/Mas/92.  
 Acharya, P. H.—300/Mas/92.  
 American Standard Inc.—274/Mas/92.  
 Amgen Inc.—262/Mas/92.  
 Amsted Industries Incorporated.—320/Mas/92.  
 Asea Brown Boveri Ltd.—282/Mas/92 & 325/Mas/92.

## —B—

BASF Aktiengesellschaft.—314/Mas/92.  
 Berol Nobel AB.—310/Mas/92.  
 Bional Ltd.—283/Mas/92.  
 Boots Co. PIC., The.—301/Mas/92.  
 British Telecommunications Public Ltd.—312/Mas/92.

## —C—

Carpigiani S.r.l.—326/Mas/92.  
 Compagnie General Des Etablissements Michelin-Michelin & CIE.—269/Mas/92.

## —D—

DSM N. V.—287/Mas/92.  
 Dass, C. D.—273/Mas/92.  
 Devakibjalan, R.—295/Mas/92.  
 Dow Corning Corporation.—266/Mas/92.

## —E—

Electrohol Corporation, The.—313/Mas/92.  
 Elken Technology A/s.—286/Mas/92.  
 Engineer & Co.—308/Mas/92.  
 FMC Corporation.—260/Mas/92 & 270/Mas/92.

## —G—

G.H. International Ltd.—268/Mas/92.  
 Gandhi, V. L.—322/Mas/92 & 323/Mas/92.  
 Gonzalez, A. S.—311/Mas/92.  
 Govindarajulu, R. N.—306/Mas/92.

## —H—

Haseeb, M. A. (Mr.).—327/Mas/92.

## —I—

ITW Signode India Ltd.—290/Mas/92.  
 International Business Machines Corporation.—317/Mas/92 & 318/Mas/92.

## —L—

Lakshmi Mills Co. Ltd., The.—321/Mas/92.  
 Leder, J.—292/Mas/92.  
 Lonza Ltd.—319/Mas/92.

## —M—

MACPI S.P.A.—316/Mas/92.  
 Maschinenfabrik Rieter AG.—278/Mas/92.  
 Mauser-Werke GmbH.—280/Mas/92.  
 Mitsuoba Electric Mfg. Co. Ltd.—293/Mas/92.  
 Monsanto Co.—315/Mas/92.

## —N—

Netlon Ltd.—303/Mas/92.  
 Nokia (Deutschland) GmbH.—302/Mas/92.

## —O—

Officina Meccanica Biancalani & C.di Biancalani Forenzo & C.S.R.C.—324/Mas/92.

## —P—

Paramasivam, S.—307/Mas/92.  
 RMF Dictagene S. A.—297/Mas/92.  
 Rajkumar, C. K. (Dr.).—284/Mas/92.  
 Raju, M. V. N. S.—288/Mas/92.  
 Ramachandran, G.—305/Mas/92.  
 Retroscreen Ltd.—294/Mas/92.

## —S—

Sanchez, F. S.—257/Mas/92.  
 Sandvik AB.—267/Mas/92.  
 Schlumberger, Industries.—279/Mas/92.  
 Schreiber Foods, Inc.—275/Mas/92.  
 Schubert & Salzer Maschinenfabrik AG.—298/Mas/92.  
 Selkagaku Kogyo Kabushiki Kaisha.—261/Mas/92.  
 Shasun Chemicals (Madras) Ltd.—289/Mas/92.  
 Shet, G. V.—277/Mas/92. & 296/Mas/92.  
 Shirly, M. T. J.—304/Mas/92.  
 Sivankutty, K.—259/Mas/92.  
 Subramanian, S. P.—309/Mas/92.

## —T—

Thaikattil, J.—(Dr.).—304/Mas/92.  
 Theis, A. B.—292/Mas/92.  
 Therapeutic Agent.—263/Mas/92.  
 Titan Watches Ltd.—291/Mas/92.  
 Tube Investments of India Ltd.—264/Mas/92.  
 Turbine Blading Ltd.—271/Mas/92.

## —U—

Unimetal.—299/Mas/92.

## —V—

Vaithianathan, A.—272/Mas/92.  
 Vijayan, T. A.—258/Mas/92.  
 Vivekanand, B. V.—265/Mas/92.

## —W—

Walter Whitson-Fischman.—276/Mas/92.

## —Z—

Zeller Closures Inc.—281/Mas/92.

## DELHI

(383/Del/92 to 464/Del/92.)

## —A—

AMP Incorporated.—462/Del/92.  
 Akhawat, V.—395/Del/92 & 396/Del/92.  
 Alcatel Telecommunicacoes S. A.—461/Del/92.  
 Allen-Bradley Co. Inc.—413/Del/92.  
 Atlas Powder Co.—390/Del/92.

## —B—

BTR Blumberger Telefon Und Relaishu Albert Metz.—451/Del/92.  
 Bagga, H. S.—383/Del/92.  
 Baitel, M.—412/Del/92.

## —C—

Castolin S. A.—452/Del/92.  
 Ciba-Geigy AG.—435/Del/92.  
 Cosmo Films Ltd.—397/Del/92 & 398/Del/92.  
 Coulter Corporation.—414/Del/92.  
 Council of Scientific & Industrial Research.—416/Del/92, 417/Del/92, 418/Del/92, 419/Del/92 & 456/Del/92.  
 Crystal Oil Aust Pty. Ltd.—420/Del/92.

## —D—

Datta, A.—425/Del/92.  
 Digital Equipment Corporation.—401/Del/92.

## —E—

Exxon Chemical Patents Inc.—460/Del/92.

## —F—

Faull, S. H.—412/Del/92.

## —G—

Gillette Co., The.—409/Del/92.  
 Gupta, D. D.—450/Del/92.

## —I—

Imaje S. A.—447/Del/92.  
 Imperial Chemical Industries PLC.—440/Del/92 & 448/Del/92.  
 International Mobile Machines Corporation.—453/Del/92.

## —J—

Jain, S. (Mrs.).—422/Del/92.

## —K—

Kohli, K.—444/Del/92.  
 Kraft General Foods, Inc.—388/Del/92 & 389/Del/92.

## —L—

Laboratorios Del Dr. Esteve S. A.—436/Del/92.  
 Lubrizol Corporation, The.—391/Del/92, 439/Del/92, 442/Del/92 & 464/Del/92.  
 Lyondell Petrochemical Co.—459/Del/92.

## —M—

Mason, J. A. (Arthur).—457/Del/92.  
 Mehta, A.—425/Del/92.  
 Mobil Solar Energy Corporation.—386/Del/92 & 415/Del/92.  
 Motorola Inc.—385/Del/92, 441/Del/92, 446/Del/92, & 455/Del/92.

## —N—

National Research Development Corporation.—392/Del/92.

## —P—

Pattabhi, V.—438/Del/92.  
 Pfizer Inc.—384/Del/92 & 443/Del/92.  
 Procter & Gamble Co., The.—387/Del/92, 404/Del/92, 405/Del/92, 406/Del/92, 407/Del/92, 423/Del/92 & 424/Del/92.

## —R—

REA Gesellschaft Fr Recycling Von Energie Und Abfall MBH.—437/Del/92.  
 Rank Taylor Hobson Ltd.—463/Del/92.  
 Reddy, A. V. K.—432/Del/92.  
 Rohm & Haas Co.—434/Del/92.

## —S—

Safe T Seal Ltd.—421/Del/92.  
 Samsonite Corporation.—433/Del/92.  
 Secretary, Dept. of Non Convention Energy Sorces, The.—428/Del/92.  
 Shriram Institte for Industrial Research.—399/Del/92 & 400/Del/92.

Singh, P.—431/Del/92.

Societe D' Exploitation Des Procèdes Marechal (S.E.P.M.).—  
393/Del/92 & 394/Del/92.

Society for the Advancement of Environmental Sciences.—  
402/Del/92.

Standipack Pvt. Ltd.—426/Del/92, 429/Del/92 & 430/  
Del/92.

Steel Authority of India Ltd.—445/Del/92.

Subramanian, K. N.—411/Del/92.

Synthetic Grass Maintenance Services Pty. Ltd.—408/Del/92.

—T—

Tasgaonkar, G. S.—427/Del/92.

Toyo Engineering Corporation.—454/Del/92.

—U—

UOP.—403/Del/92.

—V—

Voest Alpine Industrieanlagenbau GMBH.—458/Del/92.

—W—

W. R. Grace & Co.—410/Del/92.

Wade Manufacturing Co.—449/Del/92.

—Y—

Yadav, G. D.—411/Del/92.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the Registration of the design included in the entry.

Class 1. No. 164092. Crompton Greaves Limited, an Indian Company, of 1, Dr. V. B. Gandhi Marg, Bombay-400023, Maharashtra, India, "Ceiling Fan". 17th February, 1992.

Class 1. No. 164179. Bracker AG of CH-8330 Pfaffikon, Switzerland, and Maschinenfabrik Rieter AG, of CH-8406 Winterthur, Switzerland, both Swiss Companies. "Ring of a ring spinning machine". 24th March, 1992.

Class 1. No. 164208. Vermont American Corporation, a Delaware Corporation, of 100 East Liberty Street, Louisville, Kentucky 40202, United States of America. "Saw Blade". 1st April, 1992.

Class 1. No. 164244. Raj Kumar Sah & Sons an Indian Partnership firm. "Table Fan with handle". 13th April, 1992.

Class 1. Nos. 164253 to 164255. Golden Industries Limited, An Indian Company, C-12-S.M.A. Co. Op Industrial Estate, Delhi-110 033, India, An Indian Company, "Door Lock Plate". 13th April, 1992.

Class 1. Nos. 164351, 164353, 164354, 164355. Dharampal Ashok Kumar Tobacco Company Private Limited, an Indian Company of D-2, Sector-2, Noida District, Ghaziabad, U.P., India "Container". 5th May, 1992.

Class 1. No. 164362. Tube Investments of India Limited, an Indian Company of "Tiam House", 28 Rajaji Salai, Madras-600 001, Tamil Nadu, India. "Golf Putter". 12th May, 1992.

Class 3. No. 164041. Phenoweld Polymer Private Limited, Saki Vihar Lake Road, Bombay-400 072, Maharashtra, India, an Indian Company. "Camode Seat". 24th January, 1992.

Class 3. No. 164074. Kipril Products and Packaging Private Limited, Venu-Vimal House, 16, Road No. 9, M.I.D.C., Andheri (East), Bombay-400 093, (A Private Limited Company incorporated under the Indian Companies Act), State of Maharashtra (India). "Tooth Brush". 13th February, 1992.

Class 3. No. 164075. Asian Advertisers, 20 Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra, India, an Indian Partnership firm. "Casserole". 13th February, 1992.

Class 3. No. 164157. The Gillette Company a Delaware Corporation of Prudential Tower Building, Boston State of Massachusetts, United States of America. "Razor Blade Cartridge Tray Cover". 13th March, 1992.

Class 3. No. 164324. Kala Textiles Private Limited, an Indian Company, C-172-Okhla Industrial Area, Phase-1, New Delhi-110 020, India. "Packages". 4th May, 1992.

Class 3. No. 164387. Precision Engineering Enterprises, 456/9, Chander Qarters, Rampura, Delhi-110 035, India (a sole Proprietary concern) "Toy". 18th May, 1992.

Class 3. No. 164408. Freemans Measures Limited, a Company incorporated and existing under the Companies Act, 1956, havingour Regd. Office at Ferozepore Road, Ludhiana-141 001, State of Punjab, India. "Measuring Tape Case". 25th May, 1992.

Class 3. No. 164409. Real Valve Appliances Private Limited, an existing company under the companies Act, at 801/802 Tulsiani Chambers, Nariman Point, Bombay-400 021, State of Maharashtra, India. "Container". 25th May, 1992.

Class 3. No. 164423. Harsheel Gift, 1, Jayshree Apt., Arvind Colony, 148/A, S.V. Road, Irla, Vile-Parle (W) Bombay-400 056, State of Maharashtra, India, an Indian Partnership firm. "Coaster". 29th May, 1992.

Class 3. No. 164425. Dabur India Limited, A Company incorporated under the Companies Act, 22-Site-IV, Sahibabad, Uttar Pradesh, India. "Bottle". 29th May, 1992.

Class 3. No. 164459. U.P. National Manufacturers Limited, An Indian Company, Ramkatora Road, Post Box No. 1068, Varanasi-221001, Uttar Pradesh, India, "Pump". 15th June, 1992.

Class 3. No. 164464. Inter Gas Appliances (P) Limited at C-113, Sector II, Noida U.P., India, Indian Pvt. Limited Concern, an Indian National and of the above address. "Exhaust Fans". 17th June, 1992

Class 3. No. 164479. Indus Industries Limited, of Plot No. 6, Journalist Colony, Road No. 3, Banjara Hills, Hyderabad-500034, Andhra Pradesh, India, an Indian Company, "Stand" 23rd June, 1992.

Class 3. No. 164495. Patton Tanks Limited of 3-C Camac Street, Calcutta-700 016, West Bengal, India, an Indian Company, "Water Storage Tank". 29th June, 1992.

Class 3. No. 164447. Khoday R.C.A. Industries (Distillery Division), Brewery House, 7th Mile, Kanakpura Road, Bangalore-560 062, Karnataka, India, a Registered Partnership Firm. "Bottle". 5th June, 1992.

Class 12. No. 163735. Mirror-Water Pts. Ltd., a company organised under the laws of Singapore, of Block 1, Pasir Panjang Road, 10-32/33/34, Alexandra Distripark, Singapore 0511. "Pharmaceutical Tablet".

Class 12. No. 164119. Gulalwadi Selection Centre, an Indian Partnership firm carrying on business at 142, Kika Street, 1st Floor, Room No. 25, Shrinathji Bldg., Bombay-400 004, Maharashtra State, India. "Elastic". 21st February, 1992.

Class 12. No. 164167. Hindustan Lever Limited, a Company incorporated under the Indian Companies Act, 1913, registered office of which is at 165/166, Backbay Reclamation, Bombay-400 020, Maharashtra, India. "Le Sancy Soap". 20th March 1992.

Class 12. No. 164477. The Wellcome Foundation Limited, of Unicorn House, 160 Euston Road, London NW1 2BP, England, a British Company, "Pharmaceutical Tablet". Reciprocity date is 23rd December, 1991.

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Nos. 151518, 152034, 152024 Class 1.

#### COPYRIGHT EXTENDED FOR THE SECOND PERIOD FOR FIVE YEARS

Nos. 155437, 155438, 163491. Class 3.

#### COPYRIGHT EXTENDED FOR THE THIRD PERIOD OF FIVE YEARS

No. 163491. Class 3.

R. A. ACHARYA

Controller General of Patents,  
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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित. 1992

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